

## **WHAT IS CLAIMED IS:**

1. A computer-readable, signal-bearing medium containing a program for rendering an electronic document to a display, wherein the program, when read and executed by a computer, comprises steps of:

- getting an electronic address associated with the electronic document;
- evaluating a data structure to determine if the data structure contains a user interaction entry relating to an element on the electronic address;
- if the data structure contains the user interaction entry, determining if the element exists on the electronic document; and
- if the element exists, rendering the electronic document to the display so that the element is viewable on the display.

2. The computer-readable, signal-bearing medium of claim 1 wherein the user interaction entry is associated with a user interaction selected from the group consisting of a table interaction entry, a link interaction entry, a data entered interaction entry, and a scrolling interaction entry.

3. The computer-readable, signal-bearing medium of claim 1 wherein the data structure further includes a time entry relating to time spent at the user interaction field.

4. A computer-readable, signal-bearing medium containing a program for rendering an electronic document to a display, wherein the program, when read and executed by a computer, comprises steps of:

getting an electronic address associated with the electronic document; evaluating a first data structure to determine if the first data structure contains an entry indicating whether a selected type of user interaction has occurred with the electronic document, and

if the first data structure includes the entry, evaluating a second data structure to determine if the second data structure contains a second user interaction entry, and

if the second data structure does not contain the first user interaction entry, evaluating if a third data structure contains a third user interaction entry, and

if the third data structure contains the third user interaction entry;  
rendering the electronic document to the display so that an element on the

1 electronic document associated with the third user interaction entry is viewable on the  
2 display.

3  
4 5. A method for rendering a document to be displayed on a networked display  
5 device, the method comprising:

6 retrieving an electronic document according to a network address;  
7 determining if an entry associated with the electronic document exists in a data  
8 structure, the entry including at least a user interaction field;  
9 if the entry exists, determining if the user interaction field appears on the  
10 electronic document; and  
11 if the user interaction field appears on the electronic document, rendering a page  
12 to display the user interaction field in a viewable area of the networked display device.

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14 6. The method of claim 5, prior to the rendering step, further comprising steps  
15 of:

16 removing the user interaction field from a current location on the electronic  
17 document; and,  
18 moving the user interaction field to a top portion of the viewable area.

19  
20 7. The method of claim 5 further comprising, after the rendering step, of:  
21 getting a second entry from the data structure, the second entry including a  
22 second user interaction field;

23 determining if the second user interaction field exists on the electronic  
24 document;  
25 if the second user interaction field appears on the electronic document, moving  
26 the second user interaction field from a second current location on the page; and  
27 rendering the page to display the second user interaction field above the user  
28 interaction field.

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30 8. The method of claim 7 wherein a first count associated with the entry is  
31 stored in the data structure and a second count associated with the second entry is stored  
32 in the data structure, the second count being greater than the first count.

33  
34 9. The method of claim 7 wherein the entry and the second entry are stored in

1       the data structure according to a first count and a second count, the second count being  
2       equal to the first count, the entry further including a first time value and the second  
3       entry further including a second time value, the second time value being greater than the  
4       first time value.

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6           10. The method of claim 5 wherein the rendering step includes scrolling the  
7       electronic document.

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9           11. A method for rendering an electronic document to be displayed on a  
10      networked display device, the method comprising:

11           retrieving the electronic document according to a network address;  
12           determining if a first entry associated with the electronic document exists in a  
13      data structure, the first entry including a first user interaction field and a first count;  
14           if the first entry exists in the data structure, determining if the first user  
15      interaction field appears on the electronic document;

16           if the first user interaction field appears on the electronic document, moving the  
17      first user interaction field from a first current location on the electronic document to a  
18      viewable portion of the display;

19           determining if the data structure includes a second entry associated with the  
20      electronic document, the second entry including a second user interaction field and a  
21      second count;

22           if the second entry exists in the data structure, determining if the second user  
23      interaction field appears on the electronic document; and,

24           if the second user interaction field appears on the electronic document, moving  
25      the second user interaction field from a second current location on the page to the  
26      viewable portion of the display, wherein the second user interaction field is displayed  
27      above the first user interaction field if the second count is greater than the first count.

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29           12. A method for storing user interaction habits with an electronic document,  
30      the method comprising:

31           getting a first user interaction with the electronic document;  
32           getting a network address associated with the electronic document;  
33           determining if the first user interaction is a first user interaction type;  
34           if the first user interaction is the first user interaction type, getting at least an

1 electronic document element datum associated with the first user interaction;  
2 storing the electronic document element datum in a first user interaction type  
3 data file; and  
4 storing a first count associated with the electronic document element datum.

5

6 13. The method of claim 12 wherein the first user interaction type is selected  
7 from the group consisting of interaction with a table, interaction with a link, interaction  
8 with a data entry field, and scrolling.

9

10 14. The method of claim 12 further comprising steps, after the storing a first  
11 count step, of:

12 getting a second user interaction with the electronic document;  
13 determining if the second user interaction is the first user interaction type;  
14 if the second user interaction is not the first user interaction type;  
15 evaluating if the second user interaction is a second user interaction type;  
16 if the second user interaction is the second user interaction type;  
17 getting at least a second electronic document element datum associated with the  
18 second user interaction;  
19 storing the second electronic document element datum in a second user  
20 interaction type data file; and  
21 incrementing a second count associated with the second electronic document  
22 element datum.

23

24 15. The method of claim 12 further comprising steps, after the storing a first  
25 count step, of:

26 getting a second user interaction with the page;  
27 determining if the second user interaction is the first user interaction type;  
28 if the second user interaction is the first user interaction type of user interaction;  
29 getting at least a second electronic document element datum associated with the second  
30 user interaction;  
31 storing the second electronic document element datum in the first user  
32 interaction type data file; and  
33 incrementing a second count associated with the second electronic document  
34 element datum.

1  
2       16. A configurable client computer for use in a client-server computer system,  
3       the client computer comprising:  
4            a display; and  
5            a browser capable of rendering electronic documents to the display, the browser  
6       being capable of accessing user habit data in association with electronic document  
7       address data, and  
8            a renderer capable of rendering a selected electronic document to the display  
9       according to the user habit data.

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11       17. The configurable client computer of claim 16 further comprising a page  
12       renderer file configured to store the user habit data.

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14       18. The configurable client computer of claim 16 wherein the display is  
15       capable of displaying, at most, a number of lines less than a number of lines of the  
16       selected electronic document.

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18       19. The configurable client computer of claim 16 wherein the renderer renders  
19       the selected electronic document to the display by repositioning the selected electronic  
20       document to display a page location at a top portion of the display.

21  
22       20. The configurable client computer of claim 16 wherein the renderer renders  
23       the selected electronic document to the display by rearranging elements of the selected  
24       electronic document to display a page location at a top portion of the display.